

Sheet 01 of 01

<b>Form PTO-1449 Modified</b>  List of Patents and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office				Docket No. <b>RU-0092</b>		Serial No. <b>09/508213</b> <small>NOT YET ASSIGNED</small>	
				Applicant <b>KATHRYN UHRICH</b>			
				Filing Date <b>HERWITH</b>		Group <b>NOT YET ASSIGNED</b>	
<b>U. S. PATENT DOCUMENTS</b>							
Examiner		Document	Date	Name	Class	Subclass	
<i>JB</i>	AA	5,264,540	11-23-93	Cooper et al.	528	272	
<i>JB</i>	AB	4,997,904	3-5-91	Domb	528	272	
<b>FOREIGN PATENT DOCUMENTS</b>							
Examiner Initial		Document No.	Date	Country	Translation YES      NO		
EXAMINER		<i>P. Boyki</i>		DATE CONSIDERED		<i>1/15/05</i>	

1/15/05

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**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**  
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Complete if Known	
Application Number	09/508,217
Filing Date	March 8, 2000
First Named Inventor	Uhrich, Kathryn
Group Art Unit	1711
Examiner Name	Unknown

Sheet 1 of 9

Attorney Docket No: 1435.008US1

US PATENT DOCUMENTS						
Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	Filing Date If Appropriate
T.B	2003/0035787A1	02/20/2003	Uhrich, K. E.	424	78.37	09/24/2002
T.B	2004/0038948A1	02/26/2004	Uhrich, K. E.	514	165	02/18/2003
T.B	2004/0044125A1	03/04/2004	Uhrich, K. E.	525	54.1	08/25/2003
T.B	2004/0096476A1	05/20/2004	Uhrich, K. E., et al.	424	426	07/17/2003
T.B	US-4,062,855	12/13/1977	Allan, G. G., et al.	260	295 PA	09/27/1971
T.B	US-4,126,445	11/21/1978	Allan, G. G., et al.	71	94	05/10/1976
T.B	US-4,164,560	08/14/1979	Folkman, Moses J., et al.	424	22	01/05/1977
T.B	US-4,298,595	11/03/1981	Parkinson, Thomas M., et al.	424	78	11/29/1979
T.B	US-4,591,496	05/27/1986	Cohen, Jonathan M., et al.	424	15	01/16/1984
T.B	US-4,757,128	07/12/1988	Domb, Abraham J., et al.	528	271	08/01/1986
T.B	US-4,792,598	12/20/1988	Ziegast, Gerd	528	206	09/29/1986
T.B	US-4,857,311	08/15/1989	Domb, Abraham J., et al.	424	78	07/31/1987
T.B	US-4,868,274	09/19/1989	Gupta, Balaram, et al.	528	206	05/23/1988
T.B	US-4,886,870	12/12/1989	D'Amore, Patricia, et al.	528	271	02/15/1985
T.B	US-4,888,176	12/19/1989	Langer, Robert S., et al.	424	426	06/12/1987
T.B	US-4,891,225	01/02/1990	Langer, Robert S., et al.	424	428	01/21/1986
T.B	US-4,906,474	03/06/1990	Langer, Robert S., et al.	424	428	05/21/1984
T.B	US-4,916,204	04/10/1990	Domb, Abraham J., et al.	528	271	07/31/1987
T.B	US-4,997,904	03/05/1991	Domb, Abraham J.	528	206	08/25/1989
T.B	US-4,999,417	03/12/1991	Domb, Abraham J.	528	271	03/30/1989
T.B	US-5,032,216	07/16/1991	Felten, John J.	156	628	08/29/1990
T.B	US-5,082,925	01/21/1992	Shalaby, Shalaby W., et al.	528	354	08/16/1990
T.B	US-5,160,745	11/03/1992	DeLuca, Patrick P., et al.	424	487	01/09/1990
T.B	US-5,175,235	12/29/1992	Domb, Abraham J., et al.	528	271	06/04/1990
T.B	US-5,259,968	11/09/1993	Emert, Jacob, et al.	252	51.5 A	10/14/1992
T.B	US-5,264,540	11/23/1993	Cooper, Kevin, et al.	528	272	07/20/1992

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Attorney Docket No: 1435.008US1

T.B	US-5,290,494	03/01/1994	Coombes, Allan G., et al.	264	41	07/16/1992
T.B	US-5,317,079	05/31/1994	Domb, Abraham J., et al.	528	271	09/18/1992
T.B	US-5,364,725	11/15/1994	Wilson, John C., et al.	430	108.4	03/15/1993
T.B	US-5,498,729	03/12/1996	Domb, Abraham J.	548	500	02/22/1993
T.B	US-5,512,131	04/30/1996	Kumar, Amit, et al.	156	655.1	10/04/1993
T.B	US-5,514,764	05/07/1996	Fretchet, Jean M., et al.	528	10	01/01/1995
T.B	US-5,518,730	05/21/1996	Fuisz, Richard C.	424	426	06/03/1992
T.B	US-5,545,409	08/13/1996	Laurencin, Cato T., et al.	424	426	04/05/1994
T.B	US-5,629,009	05/13/1997	Laurencin, Cato T., et al.	424	426	08/07/1996
T.B	US-5,721,131	02/24/1998	Rudolph, Alan S., et al.	435	240.24 3	04/28/1994
T.B	US-5,776,748	07/01/1998	Singhvi, Rahul, et al.	435	180	06/06/1996
T.B	US-5,798,115	08/25/1998	Santerre, Paul J., et al.	424	423	02/13/1997
T.B	US-5,837,278	11/17/1998	Geistlich, Peter, et al.	424	444	01/04/1995
T.B	US-5,891,477	04/06/1999	Lanza, Robert P., et al.	424	501	03/28/1997
T.B	US-5,902,599	05/11/1999	Anseth, Kristi S., et al.	424	426	02/20/1996
T.B	US-5,937,758	08/01/1999	Maracas, George N., et al.	101	327	11/26/1997
T.B	US-5,958,911	09/28/1999	Evans, R. T., et al.	514	166	11/04/1997
T.B	US-5,969,020	10/19/1999	Shalaby, Shalaby W., et al.	524	167	02/06/1998
T.B	US-6,123,956	09/26/2000	Baker, Keith, et al.	424	426	07/09/1998
T.B	US-6,153,212	11/28/2000	Mao, Hai-quan, et al.	424	426	10/02/1998
T.B	US-6,171,610	01/09/2001	Vacanti, Charles A., et al.	424	426	11/25/1998
T.B	US-6,280,772	08/28/2001	Pinkus, Alvin G.	424	486	12/28/1998
T.B	US-6,365,149	04/02/2002	Vyakarnam, M. N., et al.	424	93.1	12/19/2000
T.B	US-6,468,519	10/22/2002	Uhrich, Kathryn E.	424	78.01	10/21/1999
T.B	US-6,486,214	11/26/2002	Uhrich, Kathryn E.	514	772.5	07/27/2000
T.B	US-6,602,915	08/05/2003	Uhrich, K. E.	514	772.2	07/27/2004
T.B	US-6,613,807	09/02/2003	Uhrich, K. E.	514	772.5	07/27/2001
T.B	US-6,685,928	02/03/2004	Uhrich, K. E., et al.	424	78.17	12/07/2000
T.B	US-6,689,350	02/10/2004	Uhrich, K. E.	424	78.17	07/27/2001

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Substitute Disclosure Statement Form (PTO-1448)

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Application Number	09/508,217
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First Named Inventor	Uhrich, Kathryn
Group Art Unit	1711
Examiner Name	Unknown

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Attorney Docket No: 1435.008US1

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	Class	Subclass	T <sup>2</sup>
T.B.	AU-750424	03/06/2003	Uhrich, K.	C08 G	063/00	
T.B.	CA-2393676	07/06/2002	Uhrich, K., et al.	A61K	3/00	
T.B.	DE-0288387 (with English Abstract)	03/28/1991	Pinther, Peter, et al.	C 08 G	67/04	
T.B.	DE-288311 (with English Abstract)	03/28/1991	Schulz, Volker, et al.	A01N	25/10	
T.B.	EP-0246341	11/25/1987	D'Amore, Patricia, et al.	A61L	27/00	
T.B.	EP-0498283	08/12/1992	White, Dwain M., et al.	C08 G	67/04	
T.B.	JP-6255797 (with English Abstract)	12/17/1985	Shibazaki, Masakatsu, et al.	C07F	7/18	
T.B.	NL-9000237 (with English Abstract)	08/16/1991	Enno, Franciscus H.	A61K	31/60	
T.B.	WO-00/66730A1	11/09/2000	Yurchenco, Peter	C12 N	15/12	
T.B.	WO-01/28492	04/26/2001	Uhrich, Kathryn E.	A61K		
T.B.	WO-01/41753A2	06/14/2001	Uhrich, K.	A61K	31/00	
T.B.	WO-02/09767	02/07/2002	Uhrich, Kathryn E., et al.	A61K	47/48	
T.B.	WO-02/09768	02/07/2002	Uhrich, Kathryn E.	A61K	47/48	
T.B.	WO-02/09769	02/07/2002	Uhrich, Kathryn E.	A61K	47/48	
T.B.	WO-91/09831	07/11/1991	Domb, Abraham J.	C07 C	69/035	
T.B.	WO-97/39738	10/30/1997	Ignatious, Francis, et al.	A61K	9/16	
T.B.	WO-97/44016A1	11/27/1997	Lee, J., et al.	A61K	9/22	
T.B.	WO-98/36013	08/20/1998	Kohn, Joachim B., et al.	C08 G	64/00	
T.B.	WO-99/29885	06/17/1999	Koch, Rainhard, et al.	C12P	1/00	
T.B.	WO-99/36107	07/22/1999	Shakesheff, Kevin, et al.	A61L	31/00	
T.B.	WO-97/49385	12/31/1997	Santos, Camilla A., et al.	A61K	9/16	

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
T.B.		"Polyanhydrides with Therapeutically Useful Degradation Products", <u>US Patent Application Ser. No. 09/508,217</u> , filed March 8, 2000, 1-26	
T.B.		"Polyanhydrides with Therapeutically Useful Degradation Products to Promote Healing of Bone and Soft Tissue", <u>PCT Application PCT/US98/18816</u> , 27 Pages	

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Sheet 4 of 9

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

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PB		"Polyanhydrides with Therapeutically Useful Degradation Products to Promote Healing of Bone and Soft Tissue", <u>U.S. Patent Application Ser. No. 09/455,861</u> , filed Dec. 7, 1999, converted on Dec. 11, 2000 to Provisional Application Ser. No. 60/304,190, 25 Pages	
PB		AEBISCHER, P., et al., "Basic fibroblast growth factor released from synthetic guidance channels facilitates peripheral nerve regeneration across long nerve gaps", <u>Journal of Neuroscience Research</u> , 23(3), (July 1989), 282-9	
PB		ANASTASIOU, THEODORE J., "Novel Polyanhydrides with Enhanced Thermal and Solubility Properties", <u>Macromolecules</u> , 33 (17), (2000), 6217-6221	
PB		ANASTASIOU, THEODORE J., "Novel, Degradable Polyanhydrides", <u>25th Annual Meeting Transactions of the Society for Biomaterials</u> , Abstract, (1999), 79	
PB		ANASTASIOU, THEODORE J., "Synthesis of Novel, Degradable Polyanhydrides Containing Para-Aminosalicylic Acid as Drug Delivery Devices for Tuberculosis Treatment", <u>Polymer Preprints</u> , 41(2), (August 2000), 1366-1367	
PB		ATTAWIA, MOHAMED A., "Biocompatibility Testing of Poly(anhydride-co-imides) Containing Pyromellitylimidoalanine", <u>The 21st Annual Meeting of the Society for Biomaterials</u> , Abstract, (April 5-9, 1994), 222	
PB		ATTAWIA, MOHAMED A., "Cytotoxicity testing of poly(anhydride-co-imides) for orthopedic applications", <u>Journal of Biomedical Materials Research</u> , 29(10), (1995), 1233-1240	
PB		ATTAWIA, MOHAMED A., "In vitro bone biocompatibility of poly (anhydride-co-imides) containing pyromellitylimidoalanine", <u>Journal of Orthopedic Research</u> , 14(3), (1996), 445-454	
PB		ATTAWIA, MOHAMED A., "Proliferation, Morphology, and Protein Expression by Osteoblasts Cultured on Poly(anhydride-co-amides)", <u>Journal of Biomedical Materials Research</u> , 48(3), (1999), 322-327	
PB		ATTAWIA, MOHAMED A., "The Long Term Osteoblast Response to Poly(anhydride-co-imides): A New Degradable Polymer for Use in Bone", <u>Proceedings of the Fifth World Biomaterials Congress, Toronto, Canada</u> , (1996), 113	
PB		BEATON, MICHAEL L., "Synthesis of a novel poly(anhydride-ester)", <u>The Rutgers Scholar - An Electronic Bulletin of Undergraduate Research, Volume 3</u> , <a href="http://www.scils.rutgers.edu/~weyang/ejournal/volume03/beatuhri/beatuhri.htm">http://www.scils.rutgers.edu/~weyang/ejournal/volume03/beatuhri/beatuhri.htm</a> , (2001), 1-7	
PB		BEDELL, CHRISTI, "Processing and Hydrolytic Degradation of Aromatic, Ortho-Substituted Polyanhydrides", <u>Journal of Applied Polymer Science</u> , 80, (2001), 32-38	
PB		BRAMBLEY, D., et al., "Microlithography: an overview", <u>Advanced Materials for Optics and Electronics</u> , 4(2), (March-April 1994), 55-74	

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Sheet 5 of 9

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
T.B		BRANCH, D W., "Microstamp patterns of biomolecules for high-resolution neuronal networks", <u>Medical &amp; Biological Engineering &amp; Computing</u> , 36(1), (January 1998), 135-41	
T.B		BROWN, JOSEPH P., "A Polymeric Drug for Treatment of Inflammatory Bowel Disease", <u>Journal of Medicinal Chemistry</u> , 26(9), (1983), 1300-1307	
T.B		BROWN, L., et al., "Transdermal delivery of drugs", <u>Annual Review of Medicine</u> , 39, (1988), 221-9	
T.P		CAMPO, CHERYL J., "Polyanhydrides: the effects of ring substitution changes on polymer properties", <u>Polymer Bulletin</u> , 42, (1999), 61-68	
T.B		CHAFI, N., "Dosage Form with Salicylic Acid Attached to the Polyanhydride Polymer Dispersed in an Eudragit Matrix", <u>International Journal of Pharmaceutics</u> , 52, (1989), 203-211	
T.B		CHEN, G., "Effect of protein and cell behavior on pattern-grafted thermoresponsive polymer", <u>Journal of Biomedical Materials Research</u> , 42(1), (October 1998), 8-44	
T.B		CONIX, ANDRE, "Aromatic Polyanhydrides, a New Class of High Melting Fiber-Forming Polymers", <u>Journal of Polymer Science</u> , XXIX, (1958), 343-353	
T.B		CONIX, ANDRE, "New High-Melting Fibre-Forming Polymers", <u>Die Makromolekulare Chemie</u> , XXIV, (1957), 76-78	
T.B		CONIX, ANDRE, "Poly [1,3-bis (p carboxyphenoxy) - Propane anhydride]", <u>Macromolecular Synthesis</u> , 2, (1996), 95-99	
T.B		DAVARAN, SOODABEH, "Release of 5-amino Salicylic Acid from Acrylic Type Polymeric Prodrugs Designed for Colon-specific Drug Delivery", <u>Journal of Controlled Release</u> , 58(3), (1999), 279-287	
T.B		DAVIES, M. C., "The Analysis of the Surface Chemical Structure of Biomedical Aliphatic Polyanhydrides Using SPX and ToF-SIMS", <u>Journal of Applied Polymer Science</u> , 42 (1991) March 20, No. 6, New York, US, (March 20, 1991), 1597-1605	
T.B		DELAMARCHE, EMMANUEL, et al., "Patterned delivery of immunoglobulins to surfaces using microfluidic networks", <u>Science</u> , 276(5313), (May 2, 1997), 779-781	
T.B		DEWEZ, J. L., et al., "Adhesion of mammalian cells to polymer surfaces: from physical chemistry of surfaces to selective adhesion on defined patterns", <u>Biomaterials</u> , 19(16), (August 1998), 1441-1445	
T.B		DOMB, A J., "Polyanhydrides. I. Preparation of High Molecular Weight Polyanhydrides", <u>Journal of Polymer Science: Part A: Polymer Chemistry</u> , Vol. 25, (1987), pgs. 3373-3386	
T.B		DOMB, ABRAHAM J., "Synthesis and Characterization of Biodegradable Aromatic Anhydride Copolymers", <u>Macromolecules</u> , 25, (1992), 12-17	
T.B		DONTHA, N., "Generation of biotin/avidin/enzyme nanostructures with maskless photolithography", <u>Analytical Chemistry</u> , 69(14), (July 15, 1997), 2619-25	

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JB		DUKOVIC, GORDANA, "Novel degradable poly(anhydride-esters) for controlled drug release", <u>The Rutgers Scholar - An Electronic Bulletin of Undergraduate Research</u> , 1, <a href="http://www.scils.rutgers.edu/~weyang/ejournal/volume01/uhriduko/uhriduko.htm">http://www.scils.rutgers.edu/~weyang/ejournal/volume01/uhriduko/uhriduko.htm</a> , (1999), 1-10	
TD		ERDMANN, LAURA, "Chapter 5: Polymeric Prodrugs: Novel Polymers with Bioactive Components", In: <u>Tailored Polymeric Materials for Controlled Delivery Systems</u> , I. McCulloch, et al., (Editors), ACS Symposium Series 709, American Chemical Society: Washington, D.C., (1998), 83-91	
TD		ERDMANN, LAURA, "Degradable poly(anhydride ester) implants: effects of localized salicylic acid release on bone", <u>Biomaterials</u> , 21(24), (2000), 2507-2512	
TD	*	ERDMANN, LAURA, "Polymer Prodrugs with Pharmaceutically Active Degradation Products", <u>Polymer Preprints</u> , 38(2), (1997), 570-571	
TD		ERDMANN, LAURA, et al., "Polymer Prodrugs with Pharmaceutically Active Degradation Products", <u>Dept. of Chemistry, Rutgers University, Piscataway, NJ</u> 08855-0939, 570-571	
TD		ERDMANN, LAURA, "Polymeric Prodrugs: Novel Polymers for Delivery of Salicylic Acid", <u>Annals of Biomedical Engineering</u> , 26 (Suppl. 1), Abstract No. PB.26, Annual Fall Meeting, (1998), S-124	
TD		ERDMANN, LAURA, et al., "Polymeric Prodrugs: Novel Polymers with Bioactive Components", <u>ACS SYMPOSIUM SERIES, VOL 709, Conference: Tailored polymeric materials for controlled delivery systems- Symposium</u> , Development from a symposium sponsored by the Division of Polymer Chemistry at the 214th National Meeting of the American Chemical Society, Las Vegas, Nevada, September 7-11, 1997, (1998), 83-91	
TD		ERDMANN, LAURA, "Polymeric Salicylic Acid: In Vitro and In Vivo Degradation", <u>Polymer Preprints</u> , 39(2), (1998), 224-225	
TD		ERDMANN, LAURA, "Synthesis and degradation characteristics of salicylic acid-derived poly(anhydride-esters)", <u>Biomaterials</u> , 21(19), (October 2000), 1941-1946	
TD		GIAMMONA, G., "Polymeric Prodrugs alpha beta poly-hydroxyethyl-d1-aspartamide as macromolecular carrier for some non-steroidal anti-inflammatory agents", Abstract from Database BIOSIS Online, <u>Biosciences Information Service, Philadelphia, PA</u> , Original Publication from the International Journal of Pharmaceutics (Amsterdam), (1989), 1 page	
TD		GIAMMONA, G., "Polymeric Prodrugs Alpha Beta Poly-N-hydroxyethyl-DL-aspartamide as a Macromolecular Carrier for Some Non-Steroidal Anti-inflammatory Agents", <u>International Journal of Pharmaceutics</u> , 57, (1989), 55-62	
JB		GOUIN, S., et al., "New Polyanhydrides Made from a Bile Acid Dimer and Sebacic Acid: Synthesis, Characterization and Degradation", <u>Macromolecules</u> , 33, (2000), 5379-5383	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

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	<b>Application Number</b>	09/508,217
	<b>Filing Date</b>	March 8, 2000
	<b>First Named Inventor</b>	Uhrich, Kathryn
	<b>Group Art Unit</b>	1711
	<b>Examiner Name</b>	Unknown
Sheet 7 of 9		Attorney Docket No: 1435.008US1

**OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No.	Include name of the author (In CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>1</sup>
JPB		HERBERT, C B., "Micropatterning gradients and controlling surface densities of photoactivatable biomolecules on self-assembled monolayers of oligo(ethylene glycol) alkanethiolates", <u>Chemistry &amp; Biology</u> , 4(10), (October 1997),731-7	
T.B		IBIM, S. , "Controlled Release Based on Poly(anhydride-co-imides)", <u>Proc. Intern. Symp. Control. Rel. Bioact. Mater.</u> , 22, (1995),2 pgs.	
T.B		IBIM, S M., "Poly(anhydride-co-imides): In Vivo Biocompatibility in a rat model", <u>Biomaterials</u> , 19(10), (1998),941-951	
T.B		IBIM, S E., "Preliminary in vivo report on the osteocompatibility of poly(anhydride-co-imides) evaluated in a tibial model.", <u>Journal of Biomedical Material Research</u> , 43(4), (Winter 1998),374-379	
T.P		ITO, Y , "Micropatterned immobilization of epidermal growth factor to regulate cell function", <u>Bioconjugate Chemistry</u> , 9(2), (March-April 1998),277-82	
T.B		JAMES, C D., "Patterned Protein.Layers on Solid Substrates by Thin Stamp Microcontact Printing", <u>Langmuir</u> , 14(4), (1998),741-744	
T.P		JIANG, H. L., "Synthesis, Characterization and In Vitro Degradation of a New Family of Alternate Poly(ester-anhydrides) Based on Aliphatic and Aromatic Diacids", <u>Biomaterials</u> , 22(3), (2001),211-218	
T.B		JUCKER, M , et al., "Fetal rat septal cells adhere to and extend processes on basement membrane, laminin, and a synthetic peptide from the laminin A chain sequence", <u>Journal of Neuroscience Research</u> , 28(4), (April 1991),507-17	
T.B		KLEINFELD, D , "Controlled outgrowth of dissociated neurons on patterned substrates", <u>Journal of Neuroscience</u> , 8(11), (November 1998),4098-120	
T.B		KROGH-JESPERSEN, E , "Synthesis of a Novel Aromatic Polyanhydride Containing Aminosalicyclic Acid", <u>Polymer Preprints</u> , 41 (1), (2000),1048-1049	
T.B		LANGER, ROBERT , "New Methods of Drug Delivery", <u>Science</u> , 249(4976), (September 1990),1527-1533	
T.P		LAURENCIN, C T., "Poly(andrdes-co-imides): In Vivo Biocompatibility Study", <u>23rd Annual Meeting of the Society for Biomaterials</u> , New Orleans, LA, (1997),483	
T.B		LAURENCIN, C T., "The Biocompatibility of Poly(anhydride-co-imides)/High Strength Polymers for Controlled Drug Delivery", <u>Proc. 24th Int'l Symp. Control. Rel. Bioact. Mater.</u> , (1997),973-974	
T.P		LAURENCIN, C T., "The Bone Biocompatibility of Poly(anhydride-co-imides) - A new generation degradable Polymer for Orthopedic Applications", <u>41st Annual Meeting of the Orthopedic Research Society</u> , Orlando, FL, (1995),143-24	
T.B		LONGER, MARK A., "Sustained-Release Drug Delivery Systems", <u>Remington's Pharmaceutical Sciences</u> , 18th Edition, Chapter 91, (1990),1676-1693	
T.P		MACEDO, B , et al., "The in vivo Responce to a Bioactive Biodegradable Polymer", <u>Journal of Dental Research</u> , 78, Abstract No. 2827,(1999),459	
T.B		MACEDO, B , "the In Vivo Response to Bioactive Polyanhydride Monofilament", <u>Journal of Dental Research</u> , 79 (Abstract No. 3872), (2000),627	

EXAMINER

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TB		PINTHER, P., "Synthesis of Polyanhydrides Containing Ester Groups", <u>Die Makromolekulare Chemie, Rapid Communications</u> , 11(8), (August 1990),403-408	
T.B		SCHACHT, E., "Polymers for Colon Specific Drug Delivery", <u>Journal of Controlled Release</u> , 39, (1996),327-338	
TB		SCHMALENBERG, K., "Microlithographic patterning of polymer substrates for directed neuronal", <u>Polymeric Materials Science Engineering</u> , 81, Fall Meeting, August 22 - 26, 1999, New Orleans, LA, (1999),97	
TB		SCHMALENBERG, K., "Patterned Polymer Substrates for directing Neuronal Growth", <u>ACS Regional Mid-Atlantic Research Meeting</u> , (1999),	
T.B		SCHMALENBERG, K., "Patterning of polymer substrates for directed neuronal growth studies", <u>Laboratory for Surface Modification</u> , (March 18, 1999),	
T.B		SCHMALENBERG, K., "Thin Stamp Microcontact Patterned Printing of Protein Layers on Polymer Substrates", <u>Transactions: Twenty-Fifth Annual Meeting of the Society for Biomaterials</u> , April 28-May 2, 1999, (April 28-May 2, 1999),	
T.P		SEIDEL, J O., "Erosion of Poly(anhydride-co-imides): A Preliminary Mechanistic Study", <u>J. Appl. Polym. Sci.</u> , 62(8), (1996),1277-1283	
T.P		SHEN, E., "Morphological Characterization of Erodible Polymer Carriers for Drug Release", <u>Proc. 26th Int'l Symp. Control. Rel. Bioact. Mater.</u> , (1999),717-718	
T.P		SPARGO, B. J., et al., "Spatially controlled adhesion, spreading, and differentiation of endothelial cells on self-assembled molecular monolayers", <u>Proceedings of the Natational Academy of Science USA</u> , 91(23), (November 8, 1994),11070-11074	
T.B		ST. JOHN, P M., "Diffraction-based cell detection using a microcontact printed antibody grating", <u>Analytical Chemistry</u> , 70(6), (March 15, 1998),1108-11	
T.B		TASHIRO, K, et al., "A synthetic peptide containing the IKVAV sequence from the A chain of laminin mediates cell attachment, migration, and neurite outgrowth", <u>Journal of Biological Chemistry</u> , 264(27), (September 25, 1989),16174-82	
T.B		UHRICH, K E., "Chemical Changes during in vivo degradation of poly(anhydride-imide) matrices", <u>Biomaterials</u> , 19(22), (1998),2045-2050	
T.B		UHRICH, K E., "Degradation of poly(anhydride-co-imides): Novel Polymers for Orthopedic Applications", <u>Mat. Res. Soc. Symp. Proc.</u> , 394, (1995),41-46	
T.B		UHRICH, K E., "In Vitro Degradation Characteristics of Poly(anhydride-imides) Containing Pyromellitylimidoalanine", <u>J. Appl. Polymer Sci., Part A, Polym. Chem.</u> , 34 (7), (1996),1261-1269	
T.B		UHRICH, K E., "In Vitro Degradation Characteristics of Poly(anhydride-imides) Containing trimellitylimidoglycine", <u>J. Appl. Polymer. Sci.</u> , 63 (11), (1997),1401-1411	

EXAMINER

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KB		UHRICH, K E., "Poly(anhydride-ester) Degradation: Mechanical Changes and Correlation to Antibiotic Release", <u>American Chemical Society, Abstracts of Papers, Part 2, Abstract No. 121</u> , 221st ACS National Meeting, San Diego, CA, (2001), Abstract 121	
		UHRICH, K E., "Synthesis and Characterization of Degradable poly(anhydride-co-imides)", <u>Macromolecules</u> , 28 (7), (1995), 2184-2193	
		UHRICH, K E., "Synthesis and Characterization of poly(anhydride-co-imides): Solution Polycondensation of Biodegradable Polymers Derived from Amino Acids", <u>Proc. of the American Chemical Society, Division of Polymeric Materials: Science and Engineering</u> , 70, Spring Meeting, San Diego, CA, (1994), 239-240	
		UHRICH, K E., "Synthesis of Aminosalicylate-based polyanhydride Prodrugs: Esters, Amides, and Azos", <u>American Chemical Society, Abstracts of Papers, Part 2, Abstract No. 407</u> , 222nd ACS National Meeting, Chicago, IL, (2001), Abstract 407	
KB		WOO, G L., "Biological Characterization of a Novel Biodegradable Antimicrobial Polymer Synthesized with Fluoroquinolones", <u>J Biomed Mater Res.</u> 59, (2002), pgs. 35-45	

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